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 AKZO KASHIMA KK # 004157880-A
 92.11.17 92JP-306929 (94.04.07) CORL 67.02, CORL 5/3492, 5/52

7/1-4 Polyethylene terephthalate type flame-retarding resin compo-
 sition comprising polyalkylene terephthalate type flame-retarding filler, a
 phosphorus type flame-retarding acid addn. cpd., and phosphorus type flame
 retarding agent. C24,101733

Adm. Dept. MITSUBISHI PETROCHEMICAL CO LTD (MPTP)

A polyethylene terephthalate type flame-retarding resin
 composition, consists of:
 (A) 100 pts. wt. polyethylene terephthalate;
 (B) 30-850 pts. wt. reinforcing filler;
 (C) 5-50 pts. wt. melamine-cyanuric acid addition cpd.;
 and (D) 5-50 pts. wt. phosphorus type flame-retarding
 agent of formula (1):

$$\begin{array}{c} \text{R}^1, \text{R}^2 \\ \text{C}_6\text{H}_2 \\ \text{R}^3, \text{R}^4 \end{array} \text{O} \text{P} \begin{array}{c} \text{R}^5, \text{R}^6 \\ \text{C}_6\text{H}_2 \\ \text{R}^7, \text{R}^8 \end{array} \text{O} \text{P} \begin{array}{c} \text{R}^9, \text{R}^{10} \\ \text{C}_6\text{H}_2 \\ \text{R}^{11}, \text{R}^{12} \end{array} \quad (1)$$

EXAMPLE
 A polyethylene terephthalate flame-retarding resin
 composition, has (diethylenephosphonate) (D).
 (4ppw50JSDw6th00y).

EMBODIMENT
 Polyethylene terephthalate is e.g. polyethylene tereph-
 thalate. Reinforcing filler (B) is e.g. glass fibre. Phos-
 phorus type flame retarding agent (1) of formula (1) is
 e.g. bisphenol A bis(diphenylphosphonate).

EXPLANATION
 R¹-R¹² = isopropylidene, methylene, carbonyl or sulphonyl; and
 R¹-R⁸ and R⁹-R¹² = H or alkyl).

ADVANTAGE
 The composition, exhibits good flame retency and, as
 the composition does not contain hydrogen type flame retarding
 agent, it does not cause the generation of harmful gas
 or corrosion.